

Gas Flow Meter 3.0



High Volume Sampler Designed for Zone 1

ATEX certification in progress

Addglobe introduces the **GAS FLOW METER 3.0**, the most versatile direct measurement tool designed with Methane specific infrared laser sensor technology for accurate reporting of methane emissions.



GFM 3.0

The **GAS FLOW METER 3.0** is designed for the most demanding leak quantification needs requiring maximum versatility with accuracy and portability.

✔ Lightweight and portable

✔ Maximum maneuverability

✔ Preferred by LDAR and measurement technicians

Whether you're measuring for the Department of Interior Quantification on abandoned orphaned wells or collecting comprehensive level 4 site emission factors on flash tanks with low methane content, you can be assured that the GFM 3.0 will perform all your methane quantification needs across the entire natural gas supply chain with remarkable accuracy, reliability and speed.



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GFM 3.0

Gas Flow Meter 3.0

Designed and manufactured exclusively
by AddGlobe, LLC



Technical Specifications:

Variable blower flow rate	2.45 CFM to 12.36 CFM; 70 to 350.0 l/min; 2.75 to 13.78 kg/hr
Fan intake flow range	1.75 CFM to 15.75 CFM; 50 to 450.0 l/min; 1,95 to 17.71 kg/hr
Measured Sampling Flow Rate	0.00027 CFM to 12.36 CFM; 0.0076 to 350 l/min; 0.0003 to 13.78 kg/hr
Minimum detectable leak rate (MDLR)	0.00025 CFM; 0.00722 l/min; 0.28 g/h
Leak Rate Measurement Error	±5% of reading
Dynamic flow stabilization (Venturi-based)	Active regulation of sampled gas flow within the measurement path using a Venturi-based ejector to maintain optimal measurement conditions
Detection and measurement principle	Laser-based methane detection
Dimensions	11.4" x 11.2" x 4" 29cm x 28.5cm x 10cm
Weight	12.9 lbs. (5.85 kg)

- Granular level leak resolution <0.5 grams per hour.
- Bacharach Hi-FlowSampler >22 cfm*.
- On-board temperature and pressure sensor to standardize leak readings.
- The lightest and most compact High-Volume Sampler available today.
- Methane Specific laser sensor technology TDLAS.
- Compliant with the Department of Interior, EPA, OGMP 2.0, and European Union Regulations for leak quantification and High-Volume Sampling.
- High-level Ingress Protection (IP 67) for use in harsh environments and weather conditions.
- The device has a temperature and pressure sensor on board.
- The leakage calculation is performed considering the background gas concentration.
- 8-hour battery life in full measurement mode under normal conditions, or 50+ hours of standby time.